



**India Meteorological Department
(Ministry of Earth Sciences)**

SPECIAL MESSAGE NO. 1 (ARB/03/2023)

TIME OF ISSUE:1230 HOURS IST

DATED:18.10.2023

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Sub: (A) Low Pressure Area over southeast and adjoining Eastcentral Arabian Sea

(B) Cyclonic Circulation over southeast Bay of Bengal

(A) Low Pressure Area over southeast and adjoining Eastcentral Arabian Sea

Under the influence of the cyclonic circulation over Southeast Arabian Sea & adjoining Lakshadweep area, a Low-Pressure Area formed over Southeast & adjoining Eastcentral Arabian Sea in the morning and lay over the same region at 0830 hours IST of today, the 18th October, 2023.

It is likely to move west-northwestwards and become Well Marked Low Pressure Area over Eastcentral & adjoining southeast Arabian Sea during next 24-hours and intensify into a Depression over Central Arabian Sea around 21st October.

Warnings:

(i) Wind warning (warning graphics enclosed):

- **Lakshadweep Area: Squally weather** with wind speed reaching **35-45 kmph gusting to 55 kmph** is very likely to prevail on 19th October, becoming **squally wind** speed reaching **40-50 kmph gusting to 60 kmph** on 20th October and decrease gradually thereafter.

- **Southeast Arabian Sea: Squally weather** with wind speed reaching **35-45 kmph gusting to 55 kmph** is very likely to prevail on 19th October. It is likely to gradually increase becoming **squally wind** speed reaching **40-50 kmph gusting to 60 kmph** on 20th and **45-55 kmph gusting to 65 kmph** on 21st October. It would decrease gradually thereafter.
- **Eastcentral Arabian Sea: Squally weather** with wind speed reaching **35-45 kmph gusting to 55 kmph** is very likely to prevail on 19th October, becoming **squally wind** speed reaching **40-50 kmph gusting to 60 kmph** on 20th October. It is likely to gradually increase becoming **45-55 kmph gusting to 65 kmph** on 21st and **50-60 kmph gusting to 70 kmph** on 22nd October.
- **Westcentral Arabian Sea: Squally weather** with wind speed reaching **35-45 kmph gusting to 55 kmph** is very likely to prevail on 19th October, becoming **squally wind** speed reaching **40-50 kmph gusting to 60 kmph** on 20th October. It is likely to gradually increase becoming **45-55 kmph gusting to 65 kmph** on 21st and **50-60 kmph gusting to 70 kmph** on 22nd October.
- **Adjoining southwest Arabian Sea: Squally wind** speed reaching **40-50 kmph gusting to 60 kmph** on 20th October. It is likely to gradually increase becoming **45-55 kmph gusting to 65 kmph** on 21st and 22nd October.

(iii) Sea Condition

- **Lakshadweep Area: Rough sea condition** is very likely on 19th and 20th October and would improve gradually thereafter.
- **Southeast Arabian Sea: Rough sea condition** is very likely on 19th and likely to be **rough to very rough** on 20th & 21st October. It is likely to improve gradually thereafter.
- **Eastcentral Arabian Sea: Rough sea condition** is very likely on 19th becoming **rough to very rough** during 20th to 22nd October and would improve gradually thereafter.
- **Westcentral Arabian Sea: Rough sea condition** is very likely on 19th becoming **rough to very rough** during 20th to 22nd October.
- **Adjoining southwest Arabian Sea: Rough sea condition** is very likely on 20th becoming **rough to very rough** during 21st and 22nd October.

• (iv) Fishermen Warning (Graphics attached):

Fishermen are advised not to venture into

- ❖ **Lakshadweep Area** on 19th & 20th October
- ❖ **Southeast Arabian Sea** on 19th & 20th October.
- ❖ **Eastcentral Arabian Sea** from 19th to 22nd October.
- ❖ **Westcentral Arabian Sea** from 19th October onwards.
- ❖ **Southwest Arabian Sea** from 20th to 22nd October.

The Fishermen out at sea are advised to return to coast by 19th October.

(B) Cyclonic Circulation over southeast Bay of Bengal

A cyclonic circulation in lower tropospheric levels lay over southeast Bay of Bengal at 0830 hours IST of today, 18th October, 2023. It is likely to move northwestwards and under its influence a low pressure area is likely to form over central parts of Bay of Bengal around 20th October.

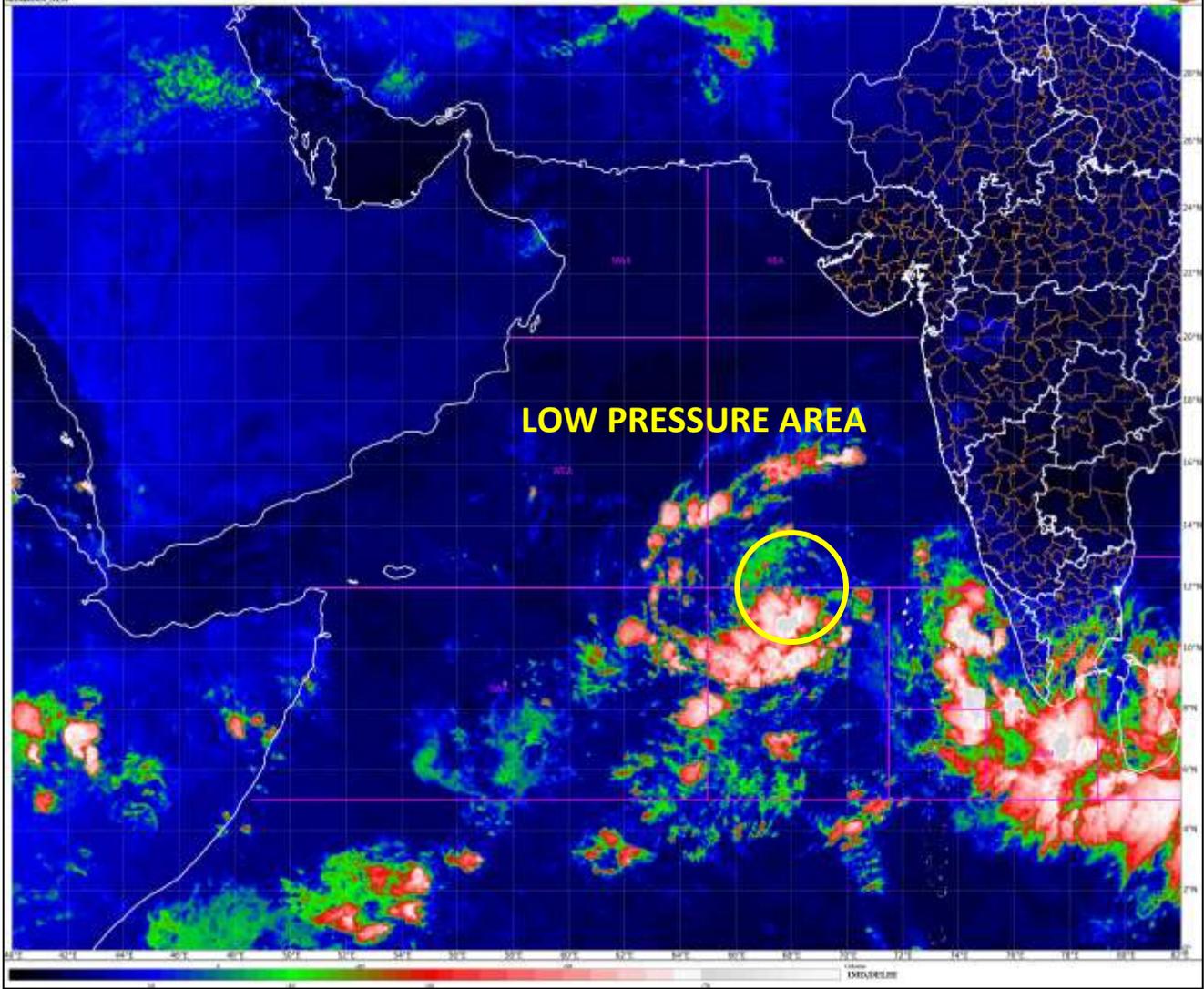
Both the systems are under continuous surveillance and the next message will be issued at 1130 hours IST of tomorrow, the 19th October, 2023.

(Ananda Kumar Das)
Scientist F, Cyclone Warning, New Delhi

Copy to: ACWC Mumbai/ ACWC Chennai/ ACWC Kolkata/CWC Ahmedabad/CWC Bhubaneswar/CWC Vishakhapatnam/CWC Thiruvananthapuram/MC Goa

SAT - INSAT-3D IMG
DNG_YRS_TEMP 10.0 um
ARABIAN SEA

10-10-2023/10:00 to 02:00 GMT
10-10-2023/10:00 to 02:00 IST



Fishermen warning graphics

Day 1: 18.10.2023/11:30AM to 19.10.2023/05:30AM



Day 2: 19.10.2023/05:30AM to 20.10.2023/05:30AM



Day 3: 20.10.2023/05:30AM to 21.10.2023/05:30AM



Day 4: 21.10.2023/05:30AM to 22.10.2023/05:30AM



Day 5: 22.10.2023/05:30AM to 23.10.2023/05:30AM



Squally WX with wind speed 40-45 kmph gusting to 55 kmph

Squally WX with wind speed 45-55 kmph gusting to 65 kmph

Squally wind with speed 50-60 kmph gusting to 70 kmph

Fishermen are advised not to venture into the marked areas.